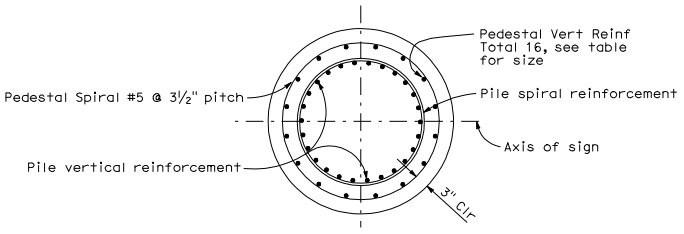
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

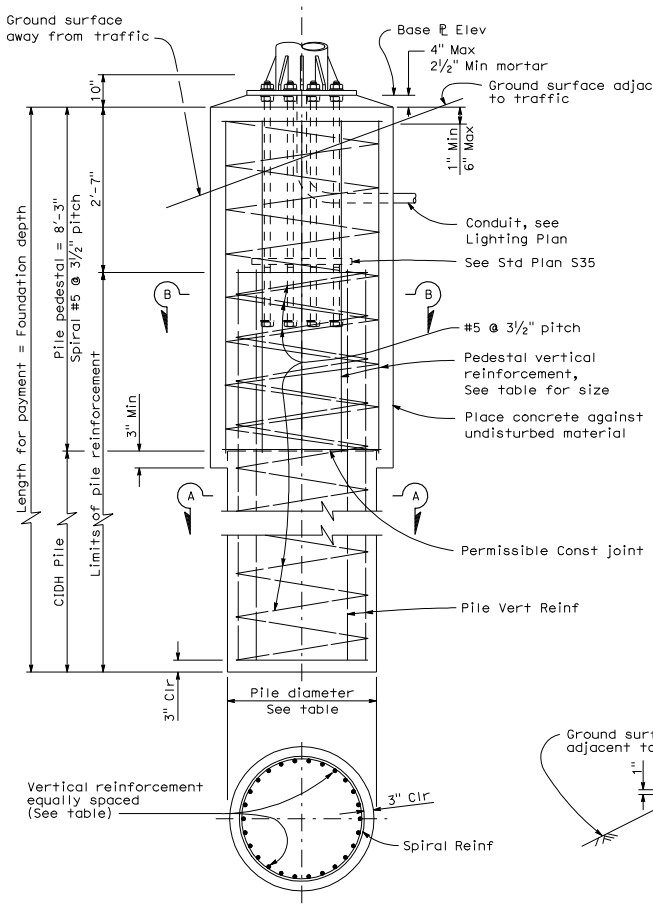
Jeffrey B. Woody
REGISTERED CIVIL ENGINEER

May 1, 2006
PLANS APPROVAL DATE

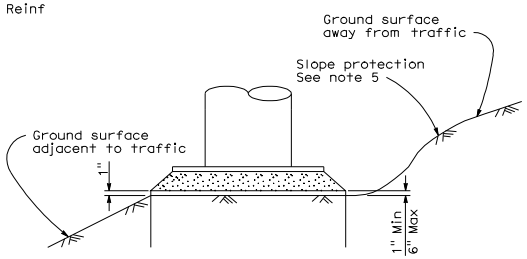
REGISTERED PROFESSIONAL ENGINEER
Jeffrey B. Woody
No. C41260
Exp. 3-31-07
CIVIL
STATE OF CALIFORNIA



SECTION B-B



SECTION A-A



DETAIL C

Post Type No.	Anchor Bolts			Round Pile Pedestal					CIDH Pile					Foundation Depth * *
	Bolt Circle Dia	Bolt Total and Dia	Total Length	Dia	Vertical Reinforcing Total	Vertical Reinforcing Bar Size	Spiral Bar Size	Spiral Pitch	Pile Dia	Vertical Reinforcing Total	Vertical Reinforcing Bar Size	Spiral Bar Size	Spiral Pitch	
I	2'-6"	14-2"	4'-2"	5'-6"	16	#11	#5	3½"	5'-0"	28	#11	#5	3½"	25'-0"
II	2'-10"	14-2½"	5'-0"											25'-0"
III	2'-10"	14-2½"												25'-0"
IV	3'-4"	16-2½"												33'-0"
V	3'-4"	16-2½"												33'-0"
VI	3'-4"	16-2½"												33'-0"

* * Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES:

1. For anchor bolt layout, see Standard Plan S35.
2. For "Base ℄ elevation", see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
4. Pedestal shall be formed 6" minimum below ground surface Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 ASSHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction Dia used 30 degree and unit weight of soil used is 120 lb/ft^3.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TUBULAR SINGLE POST AND TWO POST TYPE ROUND PEDESTAL PILE FOUNDATION

NO SCALE

S37

1-4-06